

Name _____

Period _____ Date _____

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9 It took Jenny 5 hours to drive from her home to another city at a speed of 60 km/h. If she only has 3 hours to return to her home, what should her speed be? (Show your math, or explain your thinking.)

10 Jack rode his bicycle 3 hours at a speed of 20 km/h and then 2 hours at a speed of 10 km/h. What was Jack's average speed for the whole trip?

a. What equation (use symbols) will you use to answer the question?

b. What was Jack's average speed for the whole trip? (Show your math.)

c. When Jack took this trip with his younger sister, it took twice as long. How did this affect his average speed? Explain your thinking.